

# SAFETY DATA SHEET

1380-8S

DS

## Section 1: Identification

Product Name: FERTI-MAXX FISH  
Product Use: Liquid Fertilizer Mixture  
Not Recommended for: No available information

EZ-FLO Fertilizing Systems  
3640 Cincinnati Ave., #C  
Rocklin, CA 95765  
www.ezfloinjection.com  
Emergency Phone: (866) 393-5601  
Fax: (916) 652-5754

FOR CHEMICAL EMERGENCY:  
Call CHEMTREC, day or night  
(800) 424-9300, USA/Canada  
(703) 527-3887, International

## Section 2: Hazard(s) Identification

### GHS Ratings:

### GHS Hazards:

### GHS Precautions:

P264: Wash skin thoroughly after handling  
P314: Get medical advice/attention if you feel unwell  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations

### Signal Word: Warning

Hazard Pictograms



## Section 3: Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Phosphoric acid	7664-38-2	1.00% - 5.00%

## Section 4: First-Aid Measures

### **If Inhaled**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personal. It may be dangerous to the purpose providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and seek medical attention immediately. Maintain an open airway. If symptoms appear or you feel unwell, seek medical advice/attention immediately. Loosen tight clothing such as collar, tie, belt or waistband. In case of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

### **If in eyes**

Rinse continuously with water for several minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses if present and easy to do, continue rinsing. Seek medical advice/attention immediately.

### **If on skin (or hair)**

Remove immediately all contaminated clothing. Rinse skin with plenty of soap and water for several minutes. If irritation/rash develops or persists, seek medical advice/attention immediately. Wash contaminated clothing before reuse.

### **If swallowed**

Seek immediate medical advice/attention. Call a poison control center physician. Rinse mouth with water. Remove dentures, if any. Move victim to fresh air and keep at rest in a position comfortable for breathing. If the person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place victim in recovery position and seek medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband.

### **Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in section 11.

### **Indication of any immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

### **General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## Section 5: Fire Fighting Measures

### **Suitable extinguishing media**

water spray, dry powder, carbon dioxide, foam

### **Unsuitable extinguishing media**

None known

### **Special hazards arising from the chemical(s)**

sulfur dioxides, carbon dioxides, potassium dioxides, sodium dioxides, nitrogen dioxides, copper dioxides

### **Advice for firefighters:**

Firefighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.

## Section 6: Accidental Release Measures

### **Personal precautions, protective equipment and emergency procedures**

As outlined in section 8, wear appropriate respiratory protection. Avoid dust formation. Avoid breathing dust, fume, vapors, spray, mist or gas. Use personal protective clothing. Ensure adequate ventilation. Evacuate personnel to safe area.

### **Environmental precautions**

Do not allow spilled product to enter water supplies

### **Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Avoid breathing dust.

## Section 7: Handling and Storage

### Precautions for safe handling

Do not eat, drink, or smoke when using this product. Wash hands and other exposed areas thoroughly after handling. Provide adequate ventilation. Protect packages against physical damage. Reseal containers immediately after use. Immediately remove and dispose of any spilled material.

### Conditions for safe storage, including and incompatibilities

Keep container tightly closed in a dry and well ventilated area.

## Section 8: Exposure Control / Personal Protection

### Control parameters

Chemical Name	CAS number	ACGIH Threshold Limit Values		OSHA PEL		NIOSH REL	
		TWA	STEL	TWA	STEL	TWA	STEL
Phosphoric acid	7664-38-2	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	NDA	NDA	NDA	NDA

### Appropriate engineering controls

Provide sufficient ventilation to maintain airborne concentrations below the recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of the workday.

### Individual protection measures, such as personal protective equipment

**Eye Protection-** Tightly fitting safety goggles or face shield if a splashing hazard exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH

**Skin protection-** Handle with chemical resistant protective gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.

**Body protection-** Body protection must be chosen on activity and possible exposure, i.e. apron, chemical resistant footwear plus socks, long sleeved shirt, long pants, chemical protection suit.

**Respiratory protection-** Provide sufficient ventilation to maintain airborne concentrations below the recommended exposure limits. Wear a NIOSH certified (or equivalent) organic vapor/particulate respirator. Do not exceed the maximum use concentrations for the respirator facepiece /cartridge combination.

**General safety and hygiene measures-** Eye wash fountains and safety showers must be easily accessible. Employees should wash their hands and face before eating, drinking or using tobacco products.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Brown Liquid	<b>Explosive limits</b>	no data available
<b>Odor</b>	Fish	<b>Vapor pressure</b>	no data available
<b>Odor Threshold</b>	no data available	<b>Vapor density</b>	no data available
<b>pH</b>	3.2 - 3.6	<b>Relative density</b>	no data available
<b>Melting point</b>	no data available	<b>Solubility</b>	no data available
<b>Freezing point</b>	no data available	<b>Partition coefficient (n-octanol/water)</b>	no data available
<b>Initial boiling point</b>	no data available	<b>Auto-ignition temperature</b>	no data available
<b>Boiling range</b>	no data available	<b>Decomposition temperature</b>	no data available
<b>Flash point</b>	no data available	<b>Viscosity</b>	no data available
<b>Evaporation rate</b>	no data available	<b>Specific gravity</b>	1.13
<b>Flammability</b>	no data available		

## Section 10: Stability and Reactivity

### Reactivity

No data available

**Chemical Stability** Stable

### Possibility of hazardous reactions

No data available

### Conditions to avoid

Extreme heat. Contact with strong oxidizers and reducing agents

### Incompatible materials

Strong oxidizing agents, strong acids, strong bases.

### Hazardous decomposition products

Phosphorus oxides, Hydrogen gas, Hazardous polymerization will not occur

## Section 11: Toxicological Information

### Likely routes of exposure

Inhalation, ingestion, skin and eye contact.

**Symptoms related to physical, chemical, and toxicological characteristics and delayed and immediate effects and chronic effects from short term and long term exposure.**

### Acute Toxicity

no data available for the mixture

**Acute oral** - Phosphoric acid: Estimated Ld50 = 1,530 mg/kg (rat)

### Skin corrosion/irritation

Immediate contact may cause irritation. Repeated exposure may lead to itch, rash, dermatitis or other reaction.

### Serious eye damage/eye irritation

May cause serious eye irritation, including redness and inflammation

### Respiratory or skin sensitization

No data available

### Carcinogenicity

No data available

### Germ cell mutagenicity

No data available

### Reproductive toxicity

No data is available for this mixture. Boric acid has been demonstrated to have effect on male fertility and the development of an unborn child

### Specific target organ toxicity - single or repeated exposure

No data available

### Aspiration hazard

No data available

### Symptoms after inhalation

No data available

### Symptoms after skin contact

May cause skin irritation

### Symptoms after eye contact

May cause serious eye irritation including redness and inflammation

### Symptoms after ingestion

May cause intestinal irritation if ingested

## Section 12: Ecological Information

### Ecotoxicity

No data available for this mixture

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

No data available

## Section 13: Disposal Considerations

### Disposal instructions

All waste must be handled in accordance with local, state and federal regulations or with regulations of Canada and its Provinces. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

### Waste from residues/unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (refer to disposal instructions).

### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Not regulated by DOT			

## Section 15: Regulatory Information

### State of California Safe Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:  
-NONE

The following chemicals are listed under the Canadian NDSL  
-NONE

## Section 16: Other Information

**NON-WARRANTY.** The information presented in this publication is based upon the research and experience of EZ-FLO Fertilizing Systems. No representation or warranty is made, however, concerning the accuracy or completeness of express or implied, including without limitation any warranty of merchantability or fitness for any particular purposes, and no warranty or representation shall be implied by law or otherwise. Any products sold by EZ-FLO Fertilizing Systems are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer if for the buyer to determine. EZ-FLO Fertilizing Systems assumes no responsibility for the selection of products suitable to the particular purposes of any particular buyer. EZ-FLO Fertilizer Systems shall in no way be liable for any special, incidental, or consequential damages.

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